

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
In the DO/EO/US

In re Application of

Francis VOCANSON et al.

Serial No.: 10/581,052

Art Unit: not yet assigned

Filed: May 30, 2006

Examiner: not yet assigned

For: NOVEL HYBRID PROBES WITH HEIGHTENED LUMINESCENCE (as amended)

**INFORMATION DISCLOSURE STATEMENT**

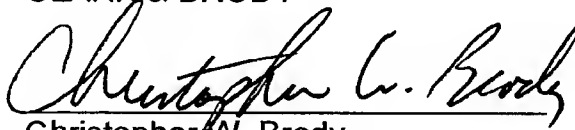
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Applicants respectfully submit that this disclosure is being filed in accordance with 37 C.F.R. 1.97(b), therefore, no fee is required.

Respectfully submitted,  
CLARK & BRODY



Christopher W. Brody  
Registration No. 33,613

**Customer No. 22902**  
1090 Vermont Avenue, NW, Suite 250  
Washington, DC 20005  
Telephone: 202-835-1111  
Facsimile: 202-835-1755

Docket No.: 71247-0059  
Date: August 28, 2007

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EW/

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT  <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO.	SERIAL NO.
	<b>71247-0059</b>	<b>10/581,052</b>
	APPLICANT <b>Francis VOCANSON et al.</b>	
	FILING DATE	GROUP ART UNIT
	<b>05/30/2006</b>	<b>Not yet assigned</b>

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
							YES	NO	PART.
	1.	WO 02/18951 A2	03/07/2002	PCT			X		
	2.	WO 01/39873 A1	06/07/2001	PCT			X		
	3.	WO 99/01766	01/14/1999	PCT			X		
	4.	WO 03/027678 A1	04/03/2003	PCT			X		

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

5.	K. SOKOLOV et al., "Real-Time Vital Optical Imaging of Precancer Using Anti-Epidermal Growth Factor Receptor Antibodies Conjugated to Gold Nanoparticles", Cancer Research 63, May 1, 2003, pgs. 1999-2004
6.	M. BRUST et al., "Synthesis and Reactions of Functionalised Gold Nanoparticles", J. Chem. Soc., Chem. Commun., 1995, pgs. 1655-1656
7.	S. LEVI et al., "Fluorescence of Dyes Adsorbed on Highly Organized, Nanostructured Gold Surfaces", Chem. Eur. J. 2002, 8, No. 16, pgs. 3808-3814
8.	A. ULLMAN, "Formation and Structure of Self-Assembled Monolayers", Chem. Rev. 1996, 96, pgs. 1533-1554
9.	B. DUBERTRET et al., "Single-mismatch detection using gold-quenched fluorescent oligonucleotides", Nature Biotechnology, April 2001, Vol. 19, pgs. 365-370
10.	G. FRENS et al., "Controlled Nucleation for the Regulation of the Particle Size in Monodisperse Gold Suspensions", Nature Physical Science, Vol. 241, January 1, 1973, pgs. 20-22
11.	R. JIN et al., "What Controls the Melting Properties of DNA-Linked Gold Nanoparticle Assemblies?", J. Am. Chem. Soc. 2003, 125, pgs. 1643-1654
12.	T. LEE et al., "Enhanced Electrochemical Detection of DNA Hybridization Based on Electrode-Surface Modification", Langmuir 2003, 19, 4338-4343, Copyright American Chemical Society 2003
13.	J. LI et al., "Amplifying the electrical hybridization signals of DNA array by multilayer assembly of Au nanoparticle probes", Analyst, 2003, 128, pgs. 917-923

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EW/

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	APPLICANT <b>Francis VOCANSON et al.</b>	
	FILING DATE <b>05/30/2006</b>	GROUP ART UNIT <b>Not yet assigned</b>

**OTHER REFERENCES** (Including Author, Title, Date, Pertinent Pages, Etc.) CONTINUED FROM SHEET 1

	14.	Q. LU et al., "The selective detection of uranium (vi) on a microchip using a derivatized 4-sulfonic calix[6]arene", Chem. Commun., 2000, 1913-1914
	15.	E. HUTTER et al., "Detection of DNA Hybridization by Gold Nanoparticle Enhanced Transmission Surface Plasmon Resonance Spectroscopy", The Journal of Physical Chemistry, Volume 107, Number 27, July 10, 2003, pgs. 6497-6499
	16.	L. DUBOIS et al., "Synthesis, Structure, and Properties of Model Organic Surfaces" Annu. Rev. Phys. Chem. 1992, 43, pgs. 437-463
EXAMINER  /Ethan Whisenant/		DATE CONSIDERED  05/09/2008
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